

Title (en)

MULTI-WALL BLADE WITH COOLING CIRCUIT

Title (de)

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Title (fr)

AUBE À PAROIS MULTIPLES AVEC CIRCUIT DE REFROIDISSEMENT

Publication

**EP 3184737 B1 20190220 (EN)**

Application

**EP 16202423 A 20161206**

Priority

US 201514977228 A 20151221

Abstract (en)

[origin: EP3184737A1] A cooling system according to an embodiment includes: a three-pass serpentine cooling circuit (40, 140, 240); and an air feed cavity (41, 141, 241) for supplying cooling air to the three-pass serpentine cooling circuit (40, 140, 240); wherein the three-pass serpentine cooling circuit (40, 140, 240) extends radially outward from and at least partially covers at least one central plenum (20) and a first set of near wall cooling channels (18) of a multi-wall blade (6).

IPC 8 full level

**F01D 5/18** (2006.01)

CPC (source: CN EP US)

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